

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-173305
(43)Date of publication of application : 28.08.1998

(51)Int.Cl.

H05K 1/14
B60R 16/02
H01L 23/29
H01L 23/31
H05K 1/18
H05K 3/32

(21)Application number : 08-327388
(22)Date of filing : 06.12.1996

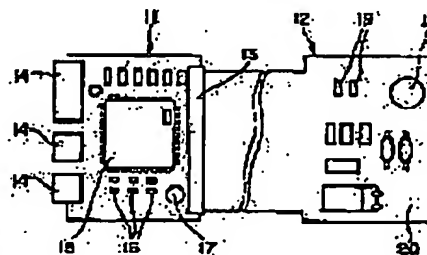
(71)Applicant : FUJIKURA LTD
(72)Inventor : ISHIKAWA YUKITAKE
AKASHI KAZUYA
OBA KYOTSUGU
MISAKI NOBUMASA

(54) PRINTED CIRCUIT BOARD FOR MOUNTING AUTOMOBILE COMPONENTS

(57)Abstract:

PROBLEM TO BE SOLVED: To enhance lighter weightness, thinness, and compactness circuit board for improving reliability of connection by connecting a wiring pattern formed on a film and a flexible printed circuit board having components jointed onto the film with an electrically conductive bonding agent, and a rigid printed circuit board with a connector.

SOLUTION: In one end part of a flexible printed circuit board 12 (FPC), a capacitor 18 and a LED 19, etc., are mounted on a base film 20 thereof, consisting of PET. A wiring pattern is formed on this FPC 12 and on a rigid printed circuit board (RPC) 11 by printing an electrically conductive paste or by applying copper foil on the base film 20 or on the RPC and then carrying out etching. The FPC 12 and the RPC 11 are electrically connected by connecting a connector 13 provided on the FPC to the terminals of the RPC 11. In the FPC 12, components are mounted with an electrically conductive bonding agent.



LEGAL STATUS

[Date of request for examination]
[Date of sending the examiner's decision of rejection]
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]